

IN THE CLAIMS

1. (currently amended) Glass-ceramics having an average linear thermal expansion coefficient within a range of $0.0 \pm 0.2 \times 10^{-7}/^{\circ}\text{C}$ within a temperature range from 0°C to 50°C , having difference between the maximum value and the minimum value of $\Delta L/L$ of 10×10^{-7} or below, and comprising SiO_2 , Al_2O_3 and P_2O_5 with the total amount thereof in mass % being within a range from ~~86.0%~~ 86.7% to 89.0% and further comprising CaO in an amount of 0.5 mass % or more, wherein the ratio of P_2O_5 to Al_2O_3 in mass % is within a range from 0.270 to 0.33.

2. (previously presented) Glass-ceramics as defined in claim 1 wherein the ratio of P_2O_5 to SiO_2 in mass % and the ratio of P_2O_5 to Al_2O_3 are

$\text{P}_2\text{O}_5/\text{SiO}_2$ 0.1230 – 0.1450 and

$\text{P}_2\text{O}_5/\text{Al}_2\text{O}_3$ 0.270 – 0.330.

3. (currently amended) Glass-ceramics having an average linear thermal expansion coefficient within a range of $0.0 \pm 0.1 \times 10^{-7}/^{\circ}\text{C}$ within a temperature range from 0°C to 50°C , having difference between the maximum value and the minimum value of $\Delta L/L$ of 8×10^{-7} or below, and comprising SiO_2 , Al_2O_3 and P_2O_5 with the total amount thereof in mass % being within a range from ~~86.0%~~ 86.7% to 89.0%% and further comprising CaO in an amount of 0.5 mass % or more, wherein the ratio of P_2O_5 to Al_2O_3 in mass % is within a range from 0.270 to 0.33.

4. (previously submitted) Glass-ceramics as defined in claim 3 wherein the ratio of P_2O_5 to SiO_2 in mass % and the ratio of P_2O_5 to Al_2O_3 are

$\text{P}_2\text{O}_5/\text{SiO}_2$ 0.1230 – 0.1450 and

$\text{P}_2\text{O}_5/\text{Al}_2\text{O}_3$ 0.270 – 0.330.

5. (original) Glass-ceramics as defined in claim 1 wherein surface roughness (Ra)